

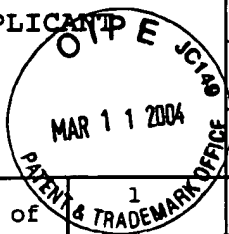
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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number		09/853,298	
		Filed		May 10, 2001	
		First Named Inventor		Nancy P. CAMACHO	
		Group Art Unit		3737	
		Examiner Name		Ruth S. Smith	
Sheet	1	of	1	Attorney Docket Number	00328/RSB



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Exam. Inits ¹	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
24		6,230,044	B1	AFANASSIEVA et al.	05-08-2001	
		2001/0048077	A1	AFANASSIEVA	12-06-2001	

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24		DE	19841217	A1	ACSPECT CORP.	04-29-1999		*

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DATE MAILED: March 11, 2004

*English-language abstract enclosed; USP 6,230,044 and USP 2001/0048077 are related family members of DE 19841217



INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO - 1449			ATTORNEY DOCKET NO. 00328/RSB		SERIAL NO.		
			APPLICANT: Nancy P. CAMACHO et al.				
			FILED: Concomitantly Herewith		ART UNIT:		
U.S. PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB		
124	5,170,056	12-1992	Berard et al.				
	5,280,788	1-1994	Janes et al.				
	5,923,808	7-1999	Melling				
	5,701,913	12-1997	McPherson et al.				
	6,068,604	5-2000	Krause et al.				
	5,460,182	10-1995	Goodman et al.				
	5,769,791	6-1998	Benaron et al.				
	Re.36,044	1-1999	Benaron				
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	5,785,658	7-1998	Benaron et al.				
	5,807,261	9-1998	Benaron et al.				
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (AUTHOR, TITLE, DATE, PAGES, PUBLICATION, ETC.)							
EXAMINER: <i>Rhult</i>				DATE CONSIDERED: 4/04			
May 10, 2001							

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		5,923,808		MELLING	07-13-1999	
		5,701,913		McPHERSON et al.	12-30-1997	
		6,068,604		KRAUSE et al.	05-30-2000	
		5,460,182		GOODMAN et al.	10-24-1995	
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		5,785,658		BENARON et al.	07-28-1998	
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		RE. 36044		BENARON	12-12-1999	

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Examiner Signature	<i>R. Smith</i>	Date Considered	4/04
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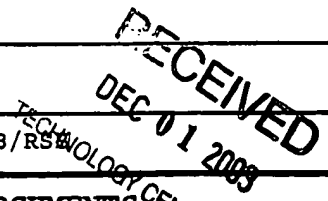
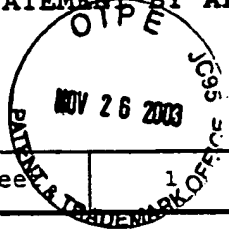
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Sheet 1 of 5	Attorney Docket Number	00328/RS	



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<div style="border-left: 1px solid black; height: 100px; width: 20px;"></div>		<u>Infrared and Raman Spectroscopy of Biological Materials</u> , Eds. Gremlich, H.U., Yan, B., New York, Marcel-Dekker, pp. 323-377 (2001)		
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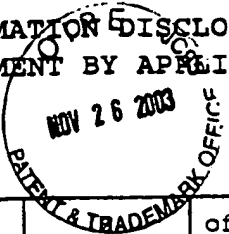
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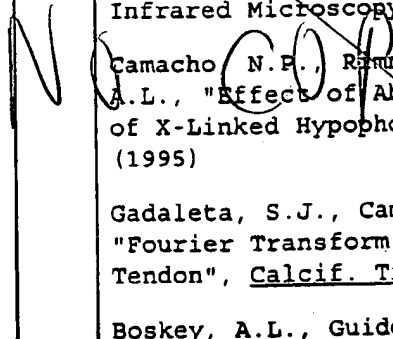
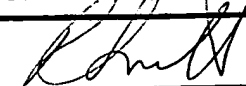
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		Examiner Name			
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Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
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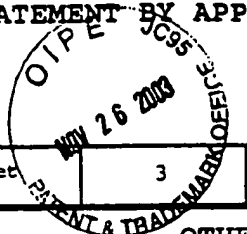
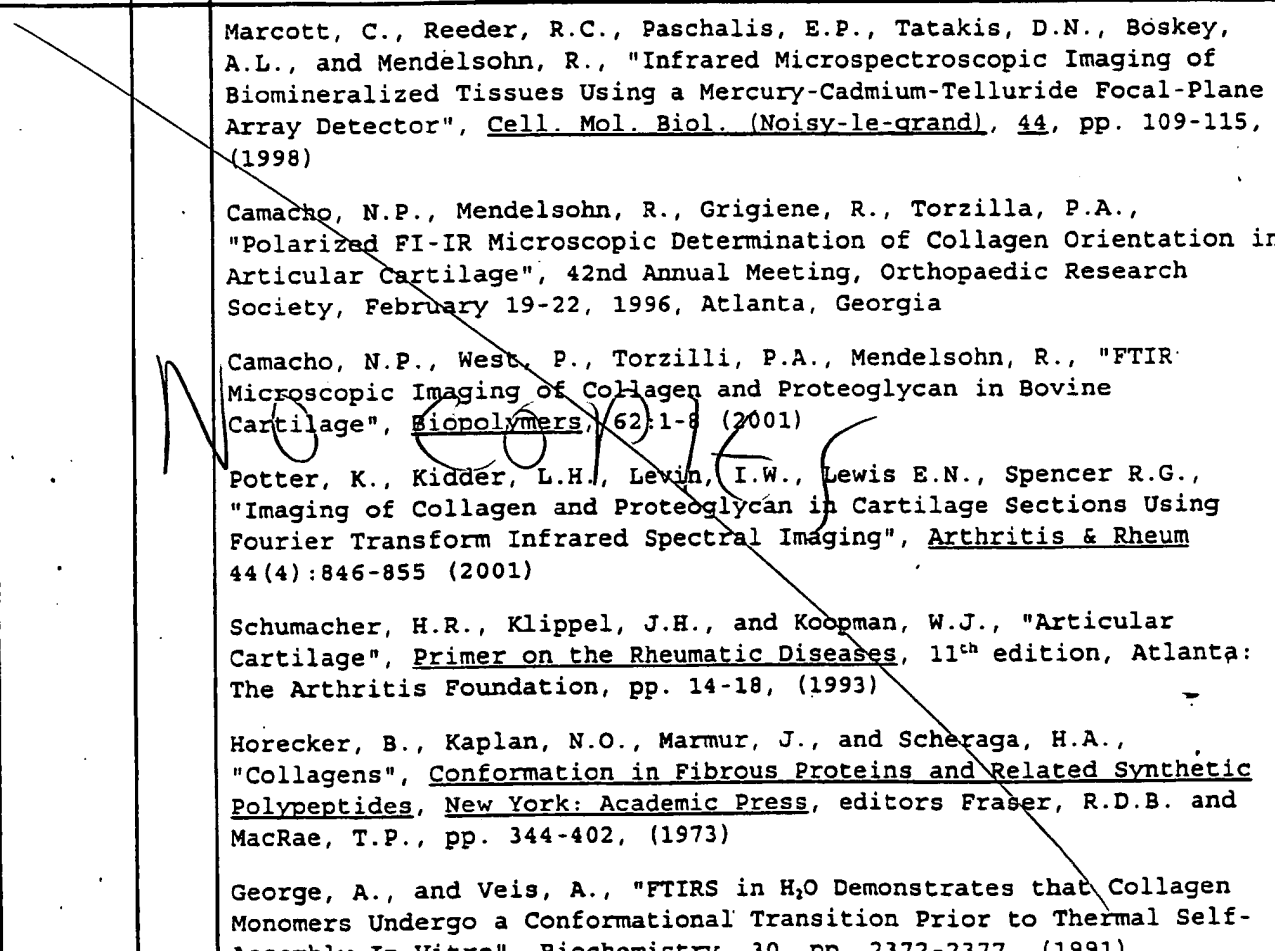
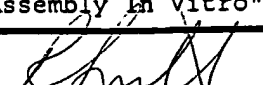
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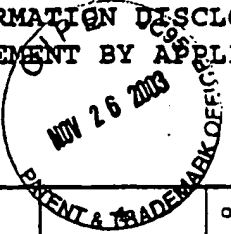
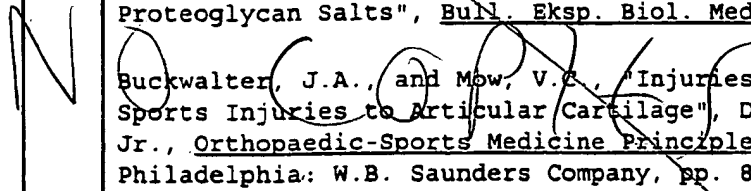
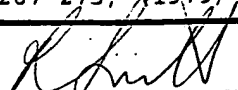
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		Filing Date	May 10, 2001
		First Named Inventor	Nancy CAMACHO
		Group Art Unit	2878
		Examiner Name	
Sheet 3 of 5	Attorney Docket Number	00328/RSB	
OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
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OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ¹
		<p>Panula, H.E., Hyttinen, M.M., Arokoski, J.P., Langsjo, T.K., Pelettari, A., Kiviranta, I., and Helminen, H.J., "Articular Cartilage Superficial Zone Collagen Birefringence Reduced and Cartilage Thickness Increased before Surface Fibrillation in Experimental Osteoarthritis", <u>Ann. Rheum. Dis.</u>, <u>57</u>, pp. 237-245, (1998)</p> <p>Gadaleta, S.J., Landis, W.J., Boskey, A.L., and Mendelsohn, R., "Polarized FT-IR Microscopy of Calcified Turkey Leg Tendon", <u>Connect. Tissue Res.</u>, <u>34</u>, pp. 203-211, (1996)</p> <p>Pachalis, E.P., F. Betts, E. DiCarlo, J.M. Lane, R. Mendelsohn, and A.L. Boskey, "Mineral and Organic Matrix Changes in Osteoporosis", <u>J. Dent. Res.</u>, <u>76</u>, p. 287 (1997)</p> <p>M. Khan, M. Yamauchi, S. Srisawasdi, D. Steiner, S. Doty, E.P. Paschalis, A.L. Boskey, "Homocysteine Decreases Chondrocyte-Mediated Matrix Mineralization in Differentiating Chick Limb-bud Mesenchymal Cell Micro-Mass Cultures", <u>Bone</u>, <u>28</u>, 387-398 (2001)</p> <p>Hollander, A.P., T.F. Heathfield, C. Webber, Y. Iwata, R. Bourne, C. Rorabeck, and A.R. Poole, (1994), "Increased Damage to Type II Collagen in Osteoarthritic Articular Cartilage Detected by a New Immunoassay", <u>Journal of Clinical Investigation</u>, <u>93</u>, pp. 1722-1732</p> <p>Griffiths, P.R., and J.A. de Haseth, (1986), "Fourier Transform Infrared Spectrometry", <u>Wiley-Interscience</u>, New York, <u>457</u>, pp. 188-193</p>	
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Exam Initials*	Cite No ¹	Office ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
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